

CLAIM AMENDMENTS

Please amend the claims as follows in accordance with the Revised Format of Amendments under 37 C.F.R. § 1.121.

1 1.(currently amended) In a system for creating documents from processed data, an
2 apparatus for forming processed data comprising:

- 3 a) a data storage device for storing the processed data;
4 b) a form engine connected to said data storage device for formatting
5 the processed data in said data storage device in accordance with
6 predetermined high level rules wherein said predetermined high
7 level rules are applied ~~evently~~ until met or a maximum of permitted
8 change is reached and wherein said predetermined high level rules
9 include a fail safe rule that ensures a guaranteed output when all
10 said predetermined rules can not be met; and
11 c) an output device connected to said form engine for outputting
12 formatted data created from said form engine.

1 2.(original) The apparatus of Claim 1 wherein said predetermined high level
2 rules use loose value tradeoffs for formatting processed data.

1 3. (original) The apparatus of Claim 2 wherein said loose value tradeoffs are
2 selected from a group including: fit all data on one page; cleanly define
3 text columns; bold face first line of new text; and shrink photos
4 proportionally with text.

1 4. (original) The apparatus of Claim 2 further comprising sublevels of loose
2 value tradeoffs.

1 5.(original) The apparatus of Claim 3 wherein loose value tradeoff -fit all data on
2 one page- further includes sublevel loose value trade offs: reduce font,
3 shrink photos and graphics proportional with font, reduce length of some
4 data fields, and shrink margin.

1 6. (original) The apparatus of Claim 1 wherein the output device is a printer.

2 7.(currently amended) In a system for creating documents from processed data,
3 an apparatus for forming processed data comprising:

4 a) a data storage means for storing processed data;

5 b) a form engine means connected to said data storage means, for
6 formatting the processed data in accordance with predetermined
7 high level rules using loose value tradeoffs wherein said
8 predetermined high level rules are applied evently until met or a
9 maximum of permitted change is reached and wherein said
10 predetermined high level rules include a fail safe rule that ensures a
11 guaranteed output when all said predetermined rules can not be
12 met; and

13 c) an output means connected to said form engine means for
14 outputting formatted documents from said form engine means.

1 8. (original) The apparatus of Claim 7 wherein said loose value tradeoffs are
2 selected from a group including: fit all data on one page; cleanly define
3 text columns; bold face first line of new text; and shrink photos
4 proportionally with text.

1 9. (original) The apparatus of Claim 7 further comprising sublevels of loose
2 value tradeoffs.

1 10.(original) The apparatus of Claim 8 wherein loose value tradeoff -fit all data on
2 one page- further includes sublevel loose value tradeoffs: reduce font,
3 shrink photos and graphics proportional with font, reduce length of some
4 data fields, and shrink margin.

1 11.(currently amended) In a system for creating documents from processed data,
2 a method of forming processed data comprising the steps of:

3 a) providing a data storage device for storing processed data;

- 1 b) adding processed data to said data storage device;
2 c) connecting a form engine to said data storage device and formatting
3 the processed data in accordance with predetermined high level
4 rules wherein said predetermined high level rules are applied evenly
5 until met or a maximum of permitted change is reached and wherein
6 said predetermined high level rules include a fail safe rule that is
7 applied to ensure a guaranteed output when all said predetermined
8 rules can not be met ; and
9 d) connecting an output device to the form engine and outputting
10 formatted data from said form engine.

1 12. (original) The method of Claim 11 wherein the predetermined high level rules
2 use loose value tradeoffs for formatting processed data.

1 13.(original) The method of Claim 12 further comprising the step of selecting said
2 loose value tradeoffs from a group including: fit all data on one page;
3 cleanly define text columns; bold face first line of new text; and shrink
4 photos proportionally with text.

1 14. (original) The method of Claim 12 further comprising the step of adding
2 sublevels of said loose value tradeoffs.

1 15.(original) The method of Claim 14 further comprising the step of adding
2 sublevel loose value tradeoffs: reduce font, shrink photos and graphics
3 proportional with font, reduce length of some data fields, and shrink
4 margins.

1 16.(currently amended) In a system for creating documents from processed data,
2 computer code recorded on a computer readable medium for forming processed
3 data comprising:

4 a) computer code for a data storage system for storing processed data;

- 1 b) computer code for a form engine linked to said data storage system
2 for formatting the processed data in accordance with predetermined
3 high level rules wherein said predetermined high level rules are
4 applied evenly until met or a maximum of permitted change is
5 reached and wherein said predetermined high level rules include a
6 fail safe rule that ensures a guaranteed output when all said
7 predetermined rules can not be met; and
8 c) computer code for an output system linked to said form engine for
9 outputting formatted data created from said form engine processing.

1 17.(original) The invention of Claim 16 wherein said predetermined rules further
2 comprise computer code for using loose value tradeoffs for formatting
3 processed data.

1 18. (original) The invention of Claim 17 wherein said computer code for using
2 loose value tradeoffs is selected from a group of computer codes
3 including: fit all data on one page; cleanly define text columns; bold face
4 first line of new text; and shrink photos proportionally with text.

1 19. (original) The invention of Claim 17 further comprising computer code for
2 sublevels of loose value tradeoffs.

1 20. (original) The invention of Claim 18 wherein said computer code for- fit all
2 data on one page- further comprises computer code for sublevel loose
3 value tradeoffs: reduce font, shrink photos and graphics proportional with
4 font, reduce length of some data fields, and shrink margin.